

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P599526

Luminaire Tested: **IFLD-S-SA6B-750-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599526
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

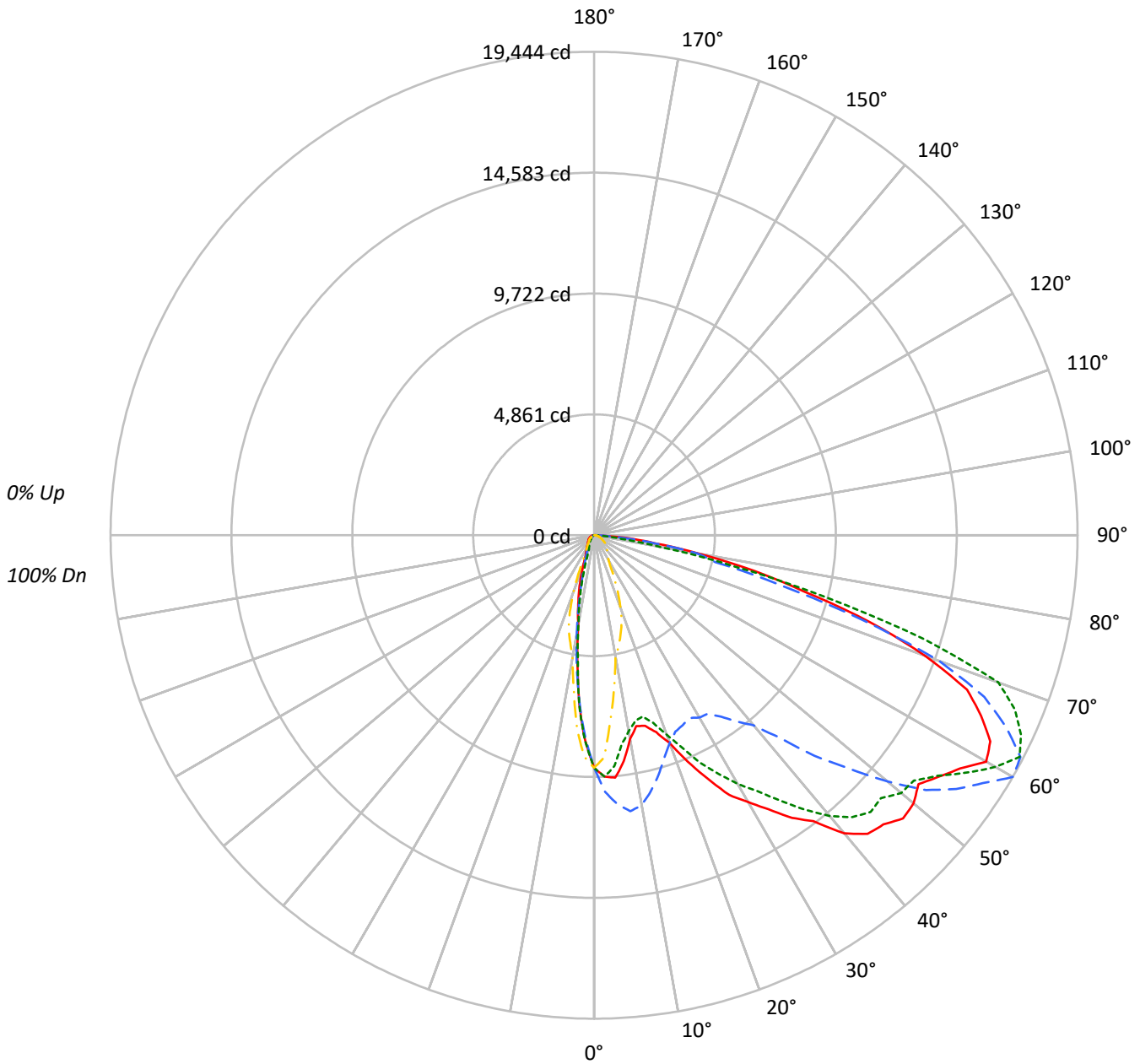
Lumens per Lamp: N/A
 Luminaire Lumens: 24868.5 lumens
 Efficiency: N/A
 Efficacy: 101.5 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 Input Voltage (V): 120
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ··· 90°-270° - · 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	67098	67098	67098	67098
5°	70511	67115	49033	49320
10°	60632	58310	26808	26179
15°	58956	56046	17415	13123
20°	67956	65115	9331	4666
25°	85444	79924	6047	3628
30°	102625	95637	4897	2971
35°	121529	114024	4014	2385
40°	146626	138041	3546	1804
45°	166935	159656	3302	1213
50°	187271	180006	3262	741
55°	211779	211032	3240	333
60°	261338	267534	2955	95
65°	291598	321593	2707	0
70°	297337	362962	2507	0
75°	241937	267717	2393	0
80°	175911	111969	2471	0
85°	113729	47021	3277	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	710.3	2.9
10°-20°	1393.0	5.6
20°-30°	1927.6	7.8
30°-40°	2724.2	11.0
40°-50°	3709.1	14.9
50°-60°	4912.4	19.8
60°-70°	5703.7	22.9
70°-80°	3230.0	13.0
80°-90°	558.1	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	4030.9	16.2
0°-40°	6755.1	27.2
0°-60°	15376.6	61.8
0°-90°	24868.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24868.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9350	9350	9350	9350	9350	
5°	9789	9317	6807	6847	9789	879
15°	7936	7544	2344	1766	7936	2328
25°	10791	10094	764	458	10791	5033
35°	13873	13016	458	272	13873	8746
45°	16450	15732	325	120	16450	12753
55°	16928	16868	259	27	16928	15337
65°	17173	18940	159	0	17173	16741
75°	8726	9656	86	0	8726	9524
85°	1381	571	40	0	1381	1660
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4
2.5°	9715.6	9921.5	9928.1	10021.1	10114.1	10114.1	10333.2	10280.1	10087.5	10054.3	9914.8
5°	9788.7	9861.7	9914.8	10386.4	10784.8	10745.0	10864.5	10784.8	10412.9	9934.8	9609.4
7.5°	9157.8	9237.5	9450.0	10253.5	10791.4	10970.7	11196.5	10698.5	10306.7	9443.3	8819.1
10°	8321.0	8473.8	8865.6	9782.0	10446.1	11017.2	11017.2	10618.8	9861.7	9018.3	8254.6
12.5°	7856.2	8161.7	8374.2	9303.9	10167.2	10559.0	10545.7	10333.2	9841.8	8779.3	7915.9
15°	7935.9	8022.2	8473.8	9197.6	9768.7	9748.8	9987.9	9921.5	9576.2	8991.8	8042.1
17.5°	8301.1	8433.9	8825.7	9197.6	9469.9	9390.2	9383.6	9702.3	9722.3	9350.4	8513.6
20°	8898.8	9290.6	9476.5	9589.4	9257.4	8918.7	8878.9	9323.8	9669.1	9808.6	9078.1
22.5°	9855.1	10114.1	10492.6	9914.8	9051.5	8626.5	8546.8	9038.3	9735.5	10353.1	9808.6
25°	10791.4	10990.7	11355.9	10612.1	9284.0	8566.7	8427.3	8852.3	9987.9	11110.2	10691.8
27.5°	11780.9	11953.6	11993.4	11123.5	9410.1	8447.2	8281.2	8852.3	10200.4	11508.7	11747.7
30°	12385.3	12591.1	12631.0	11575.1	9616.0	8546.8	8467.1	8892.2	10346.5	11847.3	12504.8
32.5°	13062.6	13115.8	13082.6	11654.8	9841.8	8839.0	8507.0	9157.8	10512.5	12252.4	13195.4
35°	13872.8	13965.8	13627.1	12020.0	10346.5	9025.0	8905.4	9483.2	10798.1	12438.4	14032.2
37.5°	14490.4	14782.6	14018.9	12159.5	10446.1	9416.8	9436.7	10160.6	10997.3	12664.2	14955.3
40°	15652.6	15161.2	14683.0	12637.6	10824.7	10080.9	9974.6	10857.9	11668.0	12810.3	15559.6
42.5°	16290.1	16031.1	14942.0	12684.1	11409.0	10997.3	11023.9	11648.1	12020.0	13222.0	15725.6
45°	16449.5	16177.2	15294.0	12717.3	11986.8	12079.8	12538.0	12657.5	12538.0	13494.3	16037.7
47.5°	16854.6	16263.5	15254.1	13162.2	12923.2	13281.8	13866.2	14125.2	13241.9	13394.7	16183.8
50°	16774.9	16436.2	15167.8	13348.2	14065.4	15015.1	15406.9	15300.6	14025.6	13188.8	16024.5
52.5°	16442.8	16077.6	15433.4	13852.9	15134.6	16283.5	16828.0	16562.4	14722.9	13653.7	15918.2
55°	16927.6	16648.7	15778.8	14536.9	15938.1	17399.1	17784.3	17585.1	15579.5	14085.3	16522.5
57.5°	17452.3	17392.5	16715.1	15340.5	16887.8	18548.0	18548.0	18302.3	16323.3	14709.6	17419.1
60°	18209.3	18342.1	17405.8	15871.7	17213.2	18481.6	19444.5	19159.0	17073.7	15805.3	18435.1
62.5°	17963.6	18388.6	18295.7	17014.0	17585.1	18807.0	19331.6	19544.1	18003.5	17140.1	19789.9
65°	17173.3	17624.9	18289.0	17764.4	17306.2	18016.7	18282.4	18926.5	18468.3	18395.3	20347.7
67.5°	16230.3	16721.8	17133.5	18269.1	16741.7	17213.2	16980.8	17186.6	17963.6	19769.9	20666.4
70°	14171.7	14643.2	15294.0	17146.8	15247.5	14822.5	14762.7	14663.1	15871.7	19278.5	19218.7
72.5°	11654.8	11873.9	12949.7	13939.2	11282.9	11203.2	11296.2	11183.3	12584.5	17452.3	16462.8
75°	8726.1	8945.3	9556.2	10705.1	7683.5	7225.3	7756.6	8281.2	9609.4	13547.4	11827.4
77.5°	6561.2	6840.1	7225.3	8008.9	5638.1	4920.9	4993.9	5492.0	6946.4	10851.2	6627.6
80°	4256.8	4223.6	4967.4	5511.9	4243.5	4376.3	4190.4	4555.7	5033.8	5804.1	3386.9
82.5°	2457.1	2490.3	2802.5	3161.1	2955.2	3380.2	2437.2	4070.9	3592.7	2364.2	1261.8
85°	1381.3	1441.1	1726.6	2191.5	1852.8	1241.8	1016.1	2018.8	2257.9	969.6	611.0
87.5°	139.5	119.5	232.4	830.1	504.7	205.9	305.5	484.8	544.6	365.2	179.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4
2.5°	9715.6	9715.6	9549.6	9270.7	9157.8	8958.6	8686.3	8772.6	8679.6	8341.0	8254.6
5°	9317.2	8998.4	8653.1	8228.1	7982.3	7477.6	7318.3	7032.7	7079.2	6793.6	6806.9
7.5°	8487.1	8234.7	7650.3	7092.5	6607.7	6169.4	5551.8	5319.4	5093.6	4980.7	5113.5
10°	8002.3	7530.8	6733.9	6003.4	5359.2	4967.4	4555.7	4236.9	3944.7	3725.5	3679.1
12.5°	7650.3	7231.9	6269.0	5379.1	4874.4	4555.7	4177.1	3738.8	3453.3	3074.7	2961.8
15°	7544.1	7032.7	6016.6	5133.4	4642.0	4117.4	3685.7	3254.0	2882.1	2483.7	2344.2
17.5°	7909.3	7318.3	6010.0	4934.2	4243.5	3679.1	3081.4	2596.6	2218.1	1852.8	1766.5
20°	8526.9	7623.7	6202.6	4814.6	3865.0	3107.9	2430.6	1945.8	1520.8	1281.7	1221.9
22.5°	9230.8	8141.7	6222.5	4495.9	3486.5	2536.8	1773.1	1281.7	1042.6	929.7	896.5
25°	10094.2	8971.8	6461.6	4236.9	3041.5	1925.9	1261.8	982.9	843.4	777.0	763.7
27.5°	10804.7	9549.6	6720.6	3964.6	2603.2	1427.8	989.5	803.5	730.5	664.1	657.4
30°	11541.9	10213.7	6793.6	3798.6	2224.7	1175.4	850.0	710.6	630.9	597.7	591.0
32.5°	12186.0	10937.5	7026.1	3526.3	1866.1	1036.0	770.3	637.5	584.4	531.3	524.6
35°	13016.1	11355.9	7139.0	3380.2	1733.3	936.4	703.9	584.4	504.7	471.5	458.2
37.5°	13906.0	11761.0	7212.0	3267.3	1620.4	876.6	664.1	551.2	478.1	431.7	418.4
40°	14736.1	12332.1	7105.8	3127.9	1534.0	803.5	637.5	511.3	444.9	398.5	378.5
42.5°	15373.7	12890.0	7072.5	2995.0	1441.1	777.0	604.3	491.4	418.4	365.2	358.6
45°	15732.3	13268.5	6840.1	2888.8	1368.0	790.3	591.0	464.9	398.5	352.0	325.4
47.5°	15645.9	13560.7	6899.9	2855.6	1268.4	737.1	584.4	444.9	365.2	325.4	305.5
50°	16124.1	14151.7	6800.3	2749.3	1195.4	664.1	637.5	444.9	358.6	312.1	292.2
52.5°	16203.8	14689.6	7012.8	2556.7	1082.5	611.0	630.9	438.3	345.3	298.8	272.3
55°	16867.9	15313.9	7424.5	2450.5	989.5	531.3	577.8	425.0	312.1	272.3	259.0
57.5°	17771.0	16608.9	7690.2	2350.9	863.3	464.9	484.8	418.4	285.6	252.4	232.4
60°	18641.0	17126.9	7710.1	2171.6	743.8	418.4	378.5	418.4	265.6	225.8	205.9
62.5°	19291.8	17126.9	7577.3	2018.8	650.8	371.9	332.0	398.5	239.1	199.2	185.9
65°	18939.8	16668.6	7231.9	1892.7	591.0	325.4	285.6	305.5	212.5	172.7	159.4
67.5°	18308.9	15240.8	6468.2	1739.9	584.4	285.6	245.7	225.8	185.9	152.7	139.5
70°	17299.5	13315.0	5385.8	1567.2	571.1	259.0	219.1	192.6	166.0	132.8	119.5
72.5°	13939.2	10997.3	4422.8	1467.6	557.8	225.8	185.9	166.0	139.5	112.9	99.6
75°	9655.9	7026.1	3406.8	1255.1	544.6	205.9	172.7	146.1	119.5	93.0	86.3
77.5°	5790.9	4695.1	2198.1	943.0	358.6	166.0	146.1	112.9	99.6	79.7	73.0
80°	2709.5	2218.1	889.9	365.2	172.7	119.5	99.6	86.3	79.7	66.4	59.8
82.5°	1062.5	936.4	431.7	212.5	139.5	93.0	79.7	73.0	66.4	53.1	46.5
85°	571.1	504.7	205.9	146.1	99.6	66.4	66.4	59.8	53.1	46.5	39.8
87.5°	126.2	93.0	86.3	86.3	73.0	53.1	53.1	46.5	39.8	33.2	26.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4
2.5°	8208.1	8307.8	8148.4	8248.0	8108.5	8214.8	8228.1	8128.4	8155.0	8287.8	8347.6
5°	6992.9	6926.4	6780.3	6733.9	6740.5	6654.2	6687.4	6733.9	6806.9	6846.8	6966.3
7.5°	5040.4	5193.2	5186.5	5299.4	5306.1	5292.8	5199.8	5000.6	5067.0	5013.9	5080.3
10°	3606.0	3672.4	3798.6	3871.6	4004.5	3931.4	3718.9	3639.2	3599.4	3592.7	3659.1
12.5°	2882.1	2722.8	2709.5	2736.0	2802.5	2716.1	2609.9	2516.9	2563.4	2656.4	2729.4
15°	2231.3	2098.5	1925.9	1899.3	1912.6	1872.7	1759.8	1640.3	1673.5	1766.5	1819.6
17.5°	1713.3	1560.6	1441.1	1361.4	1334.8	1195.4	1029.3	929.7	903.2	896.5	943.0
20°	1155.5	1129.0	1109.0	1009.4	1009.4	810.2	670.7	597.7	597.7	611.0	617.6
22.5°	863.3	830.1	836.8	816.8	763.7	604.3	531.3	511.3	511.3	524.6	524.6
25°	750.4	703.9	690.7	684.0	630.9	518.0	464.9	444.9	444.9	458.2	458.2
27.5°	637.5	624.2	604.3	577.8	531.3	444.9	411.7	391.8	398.5	405.1	398.5
30°	584.4	551.2	524.6	524.6	471.5	398.5	371.9	358.6	345.3	358.6	365.2
32.5°	518.0	498.1	484.8	464.9	405.1	352.0	325.4	312.1	305.5	305.5	312.1
35°	444.9	444.9	431.7	405.1	352.0	318.8	285.6	272.3	265.6	272.3	272.3
37.5°	398.5	378.5	385.2	358.6	312.1	278.9	245.7	232.4	232.4	225.8	232.4
40°	371.9	338.7	318.8	305.5	278.9	239.1	212.5	199.2	192.6	192.6	192.6
42.5°	332.0	305.5	265.6	259.0	252.4	205.9	172.7	166.0	159.4	152.7	152.7
45°	312.1	272.3	239.1	205.9	205.9	172.7	146.1	132.8	126.2	119.5	126.2
47.5°	285.6	245.7	205.9	172.7	166.0	139.5	112.9	99.6	93.0	93.0	93.0
50°	272.3	219.1	179.3	146.1	126.2	112.9	86.3	73.0	66.4	66.4	66.4
52.5°	252.4	205.9	159.4	126.2	99.6	86.3	66.4	53.1	46.5	46.5	46.5
55°	225.8	185.9	139.5	106.3	86.3	66.4	46.5	33.2	26.6	26.6	26.6
57.5°	212.5	166.0	119.5	93.0	66.4	46.5	26.6	19.9	19.9	13.3	19.9
60°	192.6	146.1	99.6	73.0	53.1	33.2	19.9	6.6	6.6	6.6	6.6
62.5°	166.0	126.2	86.3	59.8	39.8	19.9	6.6	0.0	0.0	0.0	0.0
65°	139.5	99.6	66.4	46.5	26.6	6.6	0.0	0.0	0.0	0.0	0.0
67.5°	119.5	86.3	53.1	33.2	19.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	106.3	73.0	39.8	26.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	86.3	59.8	33.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	73.0	46.5	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	59.8	33.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	46.5	26.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.8	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P599526
 CATALOG NUMBER: IFLD-S-SA6B-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4	9350.4
2.5°	8433.9	8394.1	8593.3	8918.7	9084.7	9410.1	9489.8	9695.7	9642.6	9715.6
5°	6979.6	7059.3	7351.5	7829.6	8002.3	8473.8	8918.7	9363.7	9649.2	9788.7
7.5°	5179.9	5445.5	5804.1	6242.4	6687.4	7305.0	8062.0	8580.0	8858.9	9157.8
10°	3858.4	4143.9	4555.7	4987.3	5711.2	6401.8	7158.9	7803.0	8042.1	8321.0
12.5°	3034.9	3479.8	3958.0	4422.8	4854.5	5511.9	6448.3	7384.7	7643.7	7856.2
15°	2111.8	2656.4	3340.4	3944.7	4549.0	5120.1	6089.7	7225.3	7577.3	7935.9
17.5°	1168.8	1600.5	2384.1	3234.1	4124.0	5000.6	6209.2	7517.5	8048.8	8301.1
20°	677.4	850.0	1407.9	2417.3	3592.7	4741.6	6269.0	8068.7	8772.6	8898.8
22.5°	557.8	617.6	796.9	1514.1	2941.9	4575.6	6574.5	8839.0	9556.2	9855.1
25°	478.1	524.6	617.6	909.8	2224.7	4223.6	6767.1	9802.0	10466.0	10791.4
27.5°	425.0	471.5	544.6	670.7	1514.1	3738.8	7085.8	10671.9	11336.0	11780.9
30°	371.9	411.7	484.8	571.1	1049.3	3194.3	7358.1	11309.4	12245.8	12385.3
32.5°	332.0	365.2	418.4	491.4	777.0	2423.9	7577.3	11966.9	12757.1	13062.6
35°	285.6	325.4	358.6	418.4	591.0	1826.2	7444.4	12478.2	13507.6	13872.8
37.5°	252.4	278.9	312.1	352.0	498.1	1427.8	7172.2	13089.2	14151.7	14490.4
40°	212.5	232.4	272.3	312.1	451.6	1102.4	6860.0	13826.3	15054.9	15652.6
42.5°	179.3	199.2	225.8	292.2	371.9	816.8	6229.2	14397.4	15785.4	16290.1
45°	139.5	166.0	205.9	292.2	298.8	604.3	5578.3	14822.5	16197.1	16449.5
47.5°	106.3	132.8	199.2	252.4	239.1	418.4	4808.0	15307.3	16622.1	16854.6
50°	79.7	106.3	225.8	219.1	199.2	318.8	4323.2	15645.9	16648.7	16774.9
52.5°	53.1	79.7	185.9	166.0	166.0	278.9	4190.4	15632.7	16715.1	16442.8
55°	39.8	59.8	106.3	119.5	146.1	245.7	4070.9	16130.7	16735.0	16927.6
57.5°	26.6	46.5	73.0	93.0	126.2	212.5	3825.2	16728.4	17352.6	17452.3
60°	13.3	33.2	53.1	73.0	106.3	185.9	3479.8	17166.7	18103.1	18209.3
62.5°	6.6	19.9	39.8	59.8	86.3	146.1	3121.2	16469.4	17777.7	17963.6
65°	0.0	13.3	26.6	39.8	53.1	106.3	2536.8	14869.0	16489.3	17173.3
67.5°	0.0	0.0	13.3	26.6	33.2	79.7	1912.6	13527.5	15300.6	16230.3
70°	0.0	0.0	6.6	6.6	19.9	59.8	1221.9	11203.2	13660.3	14171.7
72.5°	0.0	0.0	0.0	0.0	6.6	39.8	710.6	8321.0	10705.1	11654.8
75°	0.0	0.0	0.0	0.0	0.0	33.2	358.6	5352.6	7451.1	8726.1
77.5°	0.0	0.0	0.0	0.0	0.0	26.6	192.6	3453.3	5492.0	6561.2
80°	0.0	0.0	0.0	0.0	0.0	6.6	112.9	2005.5	3513.0	4256.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	46.5	982.9	2098.5	2457.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.3	524.6	1049.3	1381.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	73.0	139.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)